

Title (en)
Sealing washers.

Title (de)
Abdichtende Unterlegscheibe.

Title (fr)
Rondelle d'étanchéité.

Publication
EP 0200358 A2 19861105 (EN)

Application
EP 86302252 A 19860326

Priority
GB 8508477 A 19850401

Abstract (en)
[origin: US4712802A] A sealing washer comprising an apertured metal backing member, a sealing member of resilient material abutting one face of the backing member forming a laminate therewith, and a shoulder of resilient material abutting the opposite face of the backing member and integral with the sealing member by a connecting portion extending axially through the aperture whereby, in use, a headed fastener may be assembled to the sealing washer with a shank of the fastener extending through the aperture, characterized in that, when considered in any plane including the axis of the aperture, the backing member includes an outer rimmed portion, an intermediate domed portion whose concave surface contacts the sealing member, and an inner depressed portion having first and second parts, the first part of the depressed portion extending more perpendicularly than the second part to the axis of the aperture for assisting in resisting axial spread of the shoulder during use of the sealing washer, and the second part of the depressed portion extending less perpendicularly than the first part to the axis of the aperture for assisting in resisting transverse spread of the shoulder during use of the sealing washer.

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CPC (source: EP US)
F16B 43/001 (2013.01 - EP US); **F16J 15/024** (2013.01 - EP US); **F16J 15/025** (2013.01 - EP US)

Cited by
CN108603526A; EP1895171A3; GB2328990A; GB2328990B; FR2642497A1; US10941806B2; WO2017095528A1

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